

Table of Contents

Executive Summary	ES-1
Transforming Virginia's Information Technology (IT) Infrastructure	ES-1
The Virginia First Team.....	ES-2
Section 1 – Qualifications and Experience.....	1-1
Section 1.a.....	1-1
Prime Contractor, Developer, Owner.....	1-1
Information Technology Integrator and Technical Manager	1-2
General Contractor	1-2
Architects & Engineers.....	1-2
Real Estate Consultant.....	1-3
General Counsel.....	1-3
Minority and Women-Owned Team Members	1-3
Organizational Structure.....	1-4
Management Philosophy.....	1-4
Team Work.....	1-4
Experience.....	1-5
Added Value.....	1-5
Licensing Status	1-5
Section 1.b	1-6
KDC	1-6
EDS	1-7
DPR	1-8
Ellerbe Becket.....	1-10
Thompson + Litton.....	1-11
Staubach.....	1-12
Troutman Sanders	1-13
Capital Results.....	1-15
Section 1.c.....	1-16
KDC Projects.....	1-16
EDS Projects	1-18
DPR Projects	1-23
Ellerbe Becket Projects.....	1-27
Thompson + Litton Projects.....	1-28
Staubach Projects.....	1-29
Troutman Sanders Projects	1-31
Section 1.d	1-32
Section 1.e.....	1-34
Financial Statements	1-34
Section 1.f.....	1-34
Section 1.g	1-34
KDC's Worker Plan.....	1-34
EDS' Worker Plan	1-34
DPR's Worker Plan.....	1-34

Section 1.h	1-35
KDC's Training Plan.....	1-35
EDS' Training Plan.....	1-35
DPR's Training Plan	1-36
Section 1.i.....	1-36
KDC's Minority Commitment	1-36
EDS' Minority Commitment.....	1-37
DPR's Minority Commitment	1-38
Ellerbe Becket's Minority Commitment.....	1-39
Staubach's Minority Commitment.....	1-39
Section 1.j.....	1-40
Ellerbe Becket Award.....	1-40
DPR Claims	1-40
Thompson + Litton Claim.....	1-41
EDS Safety Records	1-41
Section 1.k	1-41
KDC's Safety Program.....	1-41
DPR's Safety Program	1-42
Section 2 – Project Characteristics.....	2-1
Project Summary	2-1
Offering Matrix	2-1
Section 2.a.....	2-3
2.a-1 Project Schedule	2-3
2.a-2 Governance.....	2-4
Program Management	2-5
2.a-3 Data Center Construction	2-6
2.a-4 Implementation	2-7
Data Centers.....	2-7
Network Operations and Automated Operations Center.....	2-8
Phase 1. IT Strategy and Standards Development	2-10
RightStep Methodology	2-11
Server Consolidation Study.....	2-15
EDS Approach.....	2-17
Technical and Operations Considerations of Equipment.....	2-18
Plan for "Lights Out"	2-19
Application Rationalization	2-19
Disaster Recovery Strategy.....	2-21
Financial Strategies to Offset Cost.....	2-21
Charge-Back and Customer Cost Allocation Strategies	2-22
Building a Strong, Strategic Partnership.....	2-24
Testing New Technologies and Equipment	2-24
Enterprise Systems Management Including Recommended Tools and Processes	2-25
Data Rationalization Study	2-26
Desktop Standardization Common E-Mail Architecture Validating the Use of Thin-Client Architecture.....	2-28
Mainframe Workload Rationalization	2-31
Data Center Strategy and Size Validation.....	2-32

Business Continuity Assessment	2-33
Help Desk Consolidation Strategy	2-33
Metropolitan Area Network (MAN) Design	2-34
LAN and WAN Router Assessment and Upgrade Evaluation	2-34
EDS' Network Consulting Approach	2-35
Phase 2. Consolidation, Migration, and Implementation Planning	2-37
Desktop Planning & Implementation	2-38
Security Solution for the Distributed Computing Environment	2-39
Consolidation	2-40
Phase 3. Migration and Implementation	2-40
2.a-5 Ongoing Operations	2-41
Systems Management	2-41
Operational infrastructure	2-42
Application Infrastructure	2-43
Maturity	2-43
Section 2.b	2-44
Section 2.c	2-44
Permits and Approvals	2-45
Section 2.d	2-45
Adverse Impact	2-45
Environmental Assessment	2-46
Archaeological Assessment	2-46
Section 2.e	2-46
Positive Impact	2-46
Social Impact	2-46
Economic Impact	2-46
Section 2.f	2-47
Section 2.g	2-47
Section 2.h	2-48
Section 2.i	2-48
Section 2.j	2-48
Section 4 – Project Benefit and Compatibility.....	1

Attachment 1 – Recommendation Letters

Appendix A – Personnel

Appendix B – KDC Projects

Appendix C – DPR Projects

Appendix D – Ellerbe Becker Projects

Appendix E – Staubach Projects

Appendix F – Sworn Certificates

Appendix G – Richmond Facility

Appendix H – Wise County Facility

Appendix I – Project Schedule